



# THE COLLEGE OF EMPORIA

February, 1922

## Course of Study and Information

1922-1923

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UNIVERSITY OF ILLINOIS



Issued as Supplement to Vol. XIII, No. 4,

## The College of Emporia Bulletin

Emporia, Kansas.

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## College Calendar

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1922

January 23—Monday .....Registration  
 January 24—Tuesday, 7:45 a. m. ....Classes Begin  
 April 13—Thursday, 4:10 p. m. ....Easter Recess Begins  
 April 18—Tuesday, 7:45 a. m. ....Easter Recess Ends  
 May 24-27—Wednesday-Saturday.....Final Examinations  
 May 28—Sunday .....Baccalaureate Sermon  
 May 30—Tuesday .....Class Day  
 May 31—Wednesday, 10 a. m. ....Commencement  
 May 31—Wednesday, 12:00 m. ....Alumni Banquet  
 Summer Vacation

September 5—Tuesday .....Registration  
 September 6—Wednesday, 7:45 a. m.....Classes Begin  
 November 30—Thursday .....Thanksgiving Day  
 December 15—Friday, 12 m.....Christmas Recess Begins

1923

January 2—Tuesday, 7:45 a. m.....Christmas Recess Ends  
 January 3—Wednesday, 7:45 a. m.....Classes Begin  
 March 29—Thursday, 4:10 p. m.....Easter Recess Begins  
 April 4—Wednesday, 7:45 a. m.....Classes Begin  
 May 27—Sunday .....Baccalaureate Sermon  
 May 28—Monday .....Class Day  
 May 29—Tuesday .....Commencement  
 May 29—Tuesday .....Alumni Banquet  
 Summer Vacation



## Board of Trustees

### Class of 1922

J. W. Berryman.....	Ashland
Rev. Harvey G. Mathis, D. D.....	Iola
Charles F. Scott.....	Iola
Edward Higginson .....	Wichita
Dr. S. J. Crumbine.....	Topeka
D. C. Schaffner.....	Emporia
Dr. Clay E. Coburn.....	Kansas City, Kans.

### Class of 1923

J. J. Morris.....	Emporia
W. H. Martin.....	Parsons
A. D. Jellison.....	Junction City
Rev. M. J. Crocker, D. D.....	Pratt
M. A. Spaulding.....	Phillipsburg
W. A. White.....	Emporia

### Class of 1924

Rev. J. F. Clokey, D. D.....	Salina
F. J. Atwood.....	Concordia
Col. P. M. Hoisington.....	Newton
V. M. Wiley.....	Hutchinson
W. W. Bowman.....	Topeka
Rev. J. M. Todd, D. D.....	Emporia
Charles S. Lawrence.....	Wichita

### Committee on Faculty and Curriculum

Chas. F. Scott, Rev. J. F. Clokey, D. D., Rev. J. M. Todd, D. D.

Finance Committee—P. M. Hoisington, V. M. Wiley, Charles S. Lawrence.

Investment Committee—D. C. Schaffner, W. W. Bowman, A. D. Jellison.

Committee on Buildings and Grounds—J. J. Morris, Rev. M. J. Crocker, D. D.

Committee on Degrees—Rev. H. G. Mathis, D. D., W. A. White, Edward Higginson.

Committee on Memberships—W. W. Bowman, Chas S. Lawrence, Rev. M. J. Crocker, D. D.

Degrees Conferred at Commencement, 1921

Prof. W. H. Andrews, K. S. A. C., Degree LL. D.

Rev. A. H. Morrison, Newton, Degree D. D.

Mrs. D. S. Hibbard, 1896, Dumaguete, P. I., Degree Litt. D.

Rev. David B. McMurdy, Sodus, N. Y., Degree D. D.

## Administration and Other Officers

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President—Frederick W. Lewis, A. B., D. D.

Dean of the College—Conrad Vandervelde, A. M., D. D.

Registrar—Fayette T. Owen, A. M., Ph. D.

Dean of the School of Music—Daniel A. Hirschler, Mus. B., A.  
A. G. O.

Dean of Women—Caroline B. Phelps, O. M., A. M.

Treasurer—D. C. Schaffner, A. M.

Assistant Treasurer—James D. Moses, B. S.

Matron of Emporia Hall—Mrs. Nettie French.

Director of Physical Training for Men—Gwinn Henry, A. B.

Director of Physical Training for Women—Ula J. Wishard, B. S.

Librarian—Mary Bell Nethercut, A. B.

Office Secretary—Bertha E. Henderson.

Secretary to the President—Ruth Jones.

Publicity and Extension Secretary—Meredith Garten, A. B.

Superintendent of Buildings and Grounds—E. N. Jones.

## Officers of Instruction

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Frederick W. Lewis, A. B., D. D.

President of the College.

Conrad Vandervelde, A. M., D. D.

Dean, and Professor of Philosophy and Psychology.

Fayette Timothy Owen, A. M., Ph. D.

Registrar, and Professor of Chemistry.

Daniel A. Hirschler, Mus. B., A. A. G. O.

Dean of the School of Music, and Professor of Organ, Piano, Theory, and History of Music.

Caroline B. Phelps, O. M., A. M.

Dean of Women, and Professor of Education..

Kathleen Blachly, Ph. B.

Professor of Home Economics.

Hugh Roland Brower, A. M.

Professor of Journalism.

Avery O. Craven, A. M.

Professor of History and Political Science.

Gunnar A. Ekman

Professor of Violin and Orchestral Instruments.

Clarence J. Elmore, A. M., Ph. D.

Professor of Biology.

Gwinn Henry, A. B.

Coach and Director of Physical Training for Men.

Leona May Hess

Professor of Piano.

\*Ella F. Lake, A. B.

Instructor in Modern Languages.

John Hamilton Lawrence, A. M.

Professor of English and Public Speaking.

\*Resigned.



Carroll Franklin Little, A. M.  
Professor of Mathematics.

Julia Marshall, A. B.  
Instructor in Romance Languages.

Laura A. Meier, A. M.  
Professor of English Literature.

Raymond Foster Miller, A. M.  
Professor of Physics and Geology.

R. Norris Miller, A. M., D. B., Litt. D.  
Professor of Economics and Business Administration.

James D. Moses, B. S.  
Assistant Professor of Business Administration.

Mary Bell Nethercut, A. B.  
Librarian and Instructor in Library Science.

Curtis Bishop Newsom, A. M., D. B., Ph. D.  
Professor of Biblical Literature.

Zelma Owen, A. B.  
Instructor in Chemistry.

Ethel Rowland  
Professor of Voice.

Anna Gunilla Saby, A. M.  
Professor of Romance Languages.

Ula J. Wishard, B. S.  
Professor of Expression and Director of Physical Education  
for Women.

William Allen White, A. M., Litt. D.  
Professorial Lecturer in Journalism.

Nathan Bartlett  
Instructor in Stenography and Typewriting.

Ruth Mendel  
Instructor of Latin

William L. Holtz, A. B.  
Instructor of Greek.

## Faculty Committees

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For the Year 1921-1922

Executive—Dean Vandervelde, Dean Hirschler, Dean Phelps, Professors Owen, Brower, and Craven.

Athletic—Professors Owen and Wishard, and Coach Henry.

Calendar—Professors Brower, Hirschler, Little, Blachly, Phelps and Meier.

Catalogue—Professors R. N. Miller, Newsom, Elmore, and Brower.

Curriculum—President Lewis, Professors Owen and Vandervelde.

Debate and Oratory—Professor Lawrence.

Historical Records—Miss Nethercut and Dean Vandervelde.

Library—Miss Nethercut and Professor Lawrence.

Musical Activities—Dean Hirschler.

Recommendations—Deans Vandervelde and Phelps.

Religious Activities—Professors Craven, Phelps, and Meier.

Student Publications—Professor Brower.

Student Employment—Professor R. F. Miller.

## Entrance Requirements

Graduates of accredited high schools are admitted on certificate.

The following table makes clear the requirements for entrance:

Fifteen units are required for unconditional entrance; fourteen units for conditional entrance.

ACCEPTED	
I. ENGLISH	
Maximum, 4 units	
II. FOREIGN LANGUAGE	
Maximum, 6 Units	
Latin	1 to 4 units
Greek	1 to 4 units
German	1 to 4 units
French	1 to 4 units
Spanish	1 to 2 units
III. HISTORY	
Maximum, 4 Units	
Ancient	1 unit
Medieval and Modern	1 unit
English	1 unit
Civics	$\frac{1}{2}$ unit
Economics	$\frac{1}{2}$ or 1 unit
IV. MATHEMATICS	
Maximum, 4 Units	
Elementary Algebra	1 or $1\frac{1}{2}$ units
Algebra to Quadratics	1 unit
Quadratics and beyond	$\frac{1}{2}$ unit
Plane Geometry	1 unit
Solid Geometry	$\frac{1}{2}$ unit
Plane Trigonometry	$\frac{1}{2}$ unit
College Algebra	$\frac{1}{2}$ unit
V. SCIENCE	
Maximum, 4 Units	
Botany	1 unit
Chemistry	1 unit
General Biology	1 unit
Physics	1 unit
Physiography	$\frac{1}{2}$ or 1 unit
Physiology	$\frac{1}{2}$ unit
Zoology	1 unit
VI. MISCELLANEOUS	
Maximum, 4 units	
of unstarred and 1 unit of	
starred subjects	
Agriculture	$\frac{1}{2}$ or 1 unit
Advanced Arithmetic, if taken	
after one year of Algebra,	
not otherwise	$\frac{1}{2}$ unit
Bookkeeping	$\frac{1}{2}$ or 1 unit
Commercial Arithmetic	$\frac{1}{2}$ unit
Commercial Geography	$\frac{1}{2}$ unit
Commercial Law	$\frac{1}{2}$ unit
Citizenship	$\frac{1}{2}$ unit
Domestic Art	1 unit
Domestic Science	1 unit
Drawing	$\frac{1}{2}$ or 1 unit
Elementary Science	$\frac{1}{2}$ unit
Forging	$\frac{1}{2}$ or 1 unit
*Methods and Management	$\frac{1}{2}$ unit
Music	1 unit
*Psychology	$\frac{1}{2}$ unit
Stenography	$\frac{1}{2}$ or 1 unit
Typewriting	$\frac{1}{2}$ or 1 unit
Woodworking	$\frac{1}{2}$ or 1 unit

REQUIRED	
I. ENGLISH	
Minimum, 3 Units	
II. FOREIGN LANGUAGE	
None Required	
III. HISTORY	
Minimum, 1 Unit	
IV. MATHEMATICS	
Minimum, 2 Units	
Elementary Algebra	1 unit
Plane Geometry	1 unit
V. SCIENCE	
Minimum, 1 Unit	
VI. MISCELLANEOUS	
NONE REQUIRED	

One unit of Domestic Art and Domestic Science combined as outlined in the Manual of the State Board of Education may be offered.

## Requirements for Graduation

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The departments of instruction are divided into groups as follows:

GROUP I.—English Language, English Literature, Journalism, Public Speaking, Greek and Latin, French, Spanish and Italian, German.

GROUP II.—Astronomy and Geology, Biology, Home Economics, Chemistry, Mathematics, Physics.

GROUP III.—Business Administration, Education and Sociology, History and Political Science, Psychology and Philosophy, Music, Biblical Literature.

The requirements for graduation are as follows:

1. One hundred twenty semester hours of credit.
2. In addition to the one hundred twenty semester hours of academic work, two hours a week of Physical Training during the freshman and sophomore years. In exceptional cases students may be permitted to postpone this Physical Training, or to substitute for it academic work, hour for hour.
3. Sixty honor points.
4. The courses must be so chosen that:
  - a. Two semester hours of Biblical Literature are taken during each year in residence.
  - b. Six semester hours of English Language (English Composition and Rhetoric) are carried during the Freshman year.
  - c. During the Freshman and Sophomore years (1) thirty semester hours are selected from the three groups, not more than twelve and not fewer than six of the thirty hours from one group; and (2) electives amounting to thirty semester hours are selected without restriction from any departments or groups.
  - d. During the course not fewer than six semester hours are elected from each of eight departments.
  - e. Not less than two years' work is carried in some one foreign language; unless the student presented at entrance two units in one language. This credit may not be applied on group or on departmental requirements (4 c and 4d) but it will count as part of the one hundred twenty hours.

- f. A major, consisting of not fewer than twenty-four nor more than forty semester hours in one department (30 in music, of which not more than 12 may be applied), is completed. Within these limits the head of the department, with the approval of the curriculum committee, determines the requirements for the major.

### GRADES AND HONOR POINTS

There are four passing grades and two grades denoting a failure to pass.

The complete failure is denoted by F.

A failure which may be retrieved by the satisfactory performance of an examination, is denoted by C, standing for Conditioned.

At the close of the semester, each instructor determines the relative ranks of all his students, arranging them in order of merit from the best to the poorest. Those students, whose work is above F are divided into four equal groups.

To each student in the most proficient quarter-group, the instructor gives the grade 1.

To each student in the second quarter-group, the instructor gives the grade 2.

To each student in the third quarter-group, the instructor gives the grade 3.

To such students in the fourth quarter-group as have attained a passing standard, the instructor gives the grade 4; to the other students in this group the instructor gives the grade C.

If the student graded C succeeds in removing the condition at the special examination, he is entitled to the grade 4.

One *honor point* is credited to a student for each semester hour of work graded 3, two *honor points* for each semester hour of work graded 2, and three *honor points* for each semester hour of work graded 1.

### HONORS

The highest one-fourth of the graduating class on the basis of *honor points*, will receive special honor as follows: The highest student, *summa cum laude*, ten per cent of the class *magna cum laude*, and the remainder of the highest one-fourth of the class *cum laude*.

### GRADUATION

Such students as have completed the requirements for graduation may be recommended by the Faculty for the degree of Bachelor of Arts.

## State Teachers' Certificates

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The College of Emporia fulfills the requirements of the laws of Kansas and the State Board of Education for the certification of teachers. A full description of the professional courses in education is to be found under "Education" in the "Description of Courses."

### THREE-YEAR CERTIFICATES RENEWABLE FOR LIFE

Any graduate of the Bachelor of Arts course, who shall have completed three semester hours in General Psychology, at least two and one-half semester hours each in Educational Psychology and School Administration, and a sufficient number of hours additional in professional allied branches to total eighteen hours, will receive from the State Board of Education, a three-year renewable state teachers' certificate. This certificate is valid in any high school or elementary school of the state. At the completion of two years of successful teaching before the expiration of the certificate, the holder of the certificate may have the certificate renewed for life. This renewal may be obtained by application to the State Board of Education.

### THREE-YEAR CERTIFICATE RENEWABLE FOR THREE-YEAR PERIODS

Graduates of any accredited four-year high school, who complete two years of work at the College of Emporia and include in the two years three semester hours each in General Psychology, School Management and Methods of Teaching, are entitled to a three-year certificate without examination. This certificate is valid in any elementary school, junior high school, or two-year course high school of the state. This certificate is renewable for successive three-year periods.

### SPECIAL CERTIFICATES

Graduates of any accredited four-year high school, who complete two years of work at the College of Emporia, and include in the two years three semester hours in General Psychology and not less than six semester hours in Pedagogy, and not less than twenty-eight semester hours in the special branch in which a certificate is desired, are entitled to a special certificate. This certificate is valid for one year, but may be renewed from year to year on the presentation of satisfactory evidence of continued and successful teaching. At present the College of Emporia is prepared to fulfill the requirements for special certificates in Domestic Science and Music.



## Courses of Study

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Although the College of Emporia has as a primary aim the provision of a broad cultural education, the possibilities of the elective system afford ample opportunities for considerable specialization, and for preparation for particular life callings. In order to illustrate the adaptability of the curriculum to specific purposes, the following plans are presented as suggestive.

### PRE-MEDICAL COURSES

The requirements for admission to the different medical colleges vary. All medical colleges require two years of college work at least. In this requirement there is specified six hours of Foreign Language, six hours of English, eight hours of College Physics, eight hours of Zoology and from eight to sixteen hours of chemistry. The College of Emporia is fully equipped to prepare for any medical college and special effort will be made to fit the course of the student to the requirements of the medical school which he wishes to enter.

### PRE-ENGINEERING COURSES

Students may by careful choice obtain the first two years of work as outlined by the engineering schools with the exception of shop work and some special courses.

The selection should be made to meet the requirements of the school the student expects to enter. A working program for the first two years is suggested as follows:

Mathematics, 18 hours; Physics, 8 to 16 hours; Chemistry, 8 to 11 hours; Engineering Drawing, 6 hours; Descriptive Geometry, 4 hours; Geology, 6 hours; English, 6 hours; Modern Languages, 6 to 12 hours; Surveying, 3 hours.

### OTHER COURSES LEADING TO SPECIALIZATION

In a similar manner a course may be selected to prepare for entering a law school.

Courses in Education leading to State Teachers' Certificates and courses in Business Administration, Music, Journalism, and Home Economics are among the so-called practical subjects that are taught so as to afford opportunities for specialization.

## Description of Courses

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*The College may withdraw any course for which there are fewer than five applicants.*

### PRELIMINARY COURSE

PROFESSOR BROWER

with cooperation of other faculty members.

#### COLLEGE PROBLEMS.

*First Semester, 2 Hours.*

A course required of all Freshmen. The aim is to adjust the student to the problems presented by college life.

## Astronomy and Geology

PROFESSOR RAYMOND F. MILLER

### ASTRONOMY

#### 1. DESCRIPTIVE ASTRONOMY.

*First Semester, 3 Hours.*

A general survey of the underlying principles and facts of Astronomy; evening observations of the sky with the 3½-inch telescope; opportunity for direct study of the moon, planets, and stars. Prerequisite, High School Algebra and Plane Geometry.

#### 2. DESCRIPTIVE ASTRONOMY.

*Second Semester, 3 Hours.*

This course consists chiefly of a study of the evolution of the Solar System, and the structure and evolution of the Universe of Stars. Prerequisite, Astronomy 1.

### GEOLOGY

#### 1. ELEMENTARY GEOLOGY.

*First Semester, 3 Hours.*

The physiography of the earth, the structure of the earth, and the processes by which the earth has arrived at its present condi-

tion; laboratory practice in identifying and classifying rocks and minerals. Two recitations and one laboratory period. Prerequisite, Chemistry 1, or High School Chemistry.

2. HISTORICAL GEOLOGY.

*Second Semester, 3 Hours.*

The history of the earth as revealed in rocks, and in fossils of plants and animals; opportunity for identifying and classifying invertebrate fossils; field trips to nearby localities.

## Biblical History and Literature

PROFESSOR NEWSOM

The American Standard Revised Bible is the text book in all courses.

1. HISTORY OF THE HEBREWS.

*Second Semester, 2 Hours.*

This is an outline course portraying the religious, political, and social history of the Hebrew people. Lectures, collateral reading, written reports, and note book. Required of Freshmen.

2. TIMES, LIFE, AND TEACHINGS OF JESUS.

*First Semester, 2 Hours.*

The life of Christ is traced in chronological sequence and in its historic setting. Practical application of his teaching is made. Supplementary topics. Lectures. Note book. Required of Sophomores.

3. THE APOSTOLIC AGE.

*First Semester, 2 Hours.*

The internal and external growth of the early church is traced. The course is based on The Acts of the Apostles and the New Testament Epistles. Lectures. Supplementary readings. Written reports. Required of Juniors.

4. THE SOCIAL AND ETHICAL TEACHINGS OF THE PROPHETS.

*First Semester, 2 Hours.*

The origin and development of the social and ethical ideas and ideals of the Old Testament Prophets are traced, and these are interpreted from the standpoint of the conditions in which each prophet uttered his message. Lectures. Collateral reading. Written reports. Required of Seniors.

## 5. THE BIBLE AS LITERATURE.

*2 Hours.*

This is a study of the Bible as a contribution to world literature, embodying the literary forms of historical narrative, poetry, drama, and letters. Portions of the Bible which illustrate these forms are studied. Open to Juniors and Seniors.

## 6. NEW TESTAMENT FUNDAMENTALS.

*2 Hours.*

A study of the social, ethical, and philosophical implications of New Testament teaching.

## 7. ANCESTRY OF THE ENGLISH BIBLE.

*3 Hours.*

The aim is to show how the Bible was determined as to contents, and to trace its history through the various versions and translations to its present English form. Open to Juniors and Seniors.

## 8. CHURCH HISTORY.

*3 Hours.*

The history of the Christian movement is traced in outline from the Apostolic Age to the present time. Emphasis is placed upon its internal and external development and its influence on all history. Open to Juniors and Seniors.

## 9. THE POETIC, WISDOM, AND APOCALYPTIC LITERATURE OF THE BIBLE.

*First or Second Semester, 2 Hours.*

A survey of the general characteristics of the devotional, wisdom, and apocalyptic literature of the Bible, and a true interpretation of this literature from the religious and ethical viewpoint.

## 10. THE HISTORY OF THE JEWS.

*First or Second Semester, 2 Hours.*

The political, social, moral, and religious history of the Jewish people from the time of the Exile to the fall of Jerusalem in A. D. 70, and an examination of the literature produced by them during this period.

## 11. THE MESSIANIC TEACHING OF THE OLD TESTAMENT.

*First or Second Semester, 2 Hours.*

The Messianic ideas and ideals of the Old Testament considered

in chronological order. Emphasis is placed on the historic setting, the successive stages of development, and the fulfillment of these teachings.

12. THE BIBLE IN THE LIGHT OF MODERN KNOWLEDGE.

*First or Second Semester, 2 Hours.*

An examination of the results of scientific development, of archaeological research, and of modern knowledge in general, with an estimate of their bearing upon an understanding of the Bible.

13. COMPARATIVE RELIGION.

*First or Second Semester, 2 Hours.*

An outline study of the prominent religions of the world,—their history, teachings, literature, and civilizations. The elements peculiar to Christianity are differentiated and compared with the elements of these systems.

14. EVIDENCES OF CHRISTIANITY.

*First or Second Semester, 2 Hours.*

An examination of the evidences upon which theistic and Christian beliefs are founded. The course aims to be sufficiently broad to throw light upon the religious questions in general arising in student's minds.

15. RELIGIOUS EDUCATION.

*First or Second Semester, 3 Hours.*

An examination of the church school or other forms of modern religious education, from the standpoint of the adequate religious development of the child. The evolution, organization, methods, curriculum, administration, and equipment of the modern Sunday School are considered.

## Biology

PROFESSOR ELMORE

The work in Biology is planned to accommodate students of three general groups:

a. Those who are planning to enter medical work.

b. Those who wish to gain a teaching knowledge of Biological subjects, preparatory to conducting work in High Schools and Colleges.

c. Those who choose to elect Biological courses because of their practical and cultural value.

1. GENERAL BIOLOGY.

*First Semester, 4 Hours.*

An introductory course giving a general view of the animal and vegetable kingdoms and of biological principles. Two recitations and two laboratory periods. Fee \$4.

2. GENERAL BIOLOGY.

*Second Semester, 4 Hours.*

A continuation of Biology 1. Two recitations and two laboratory periods. Fee \$4.

Biology 1 and 2 are prerequisite to all other courses in the department except Biology 13. Credit will not be given for a single semester of General Biology.

*The following courses are not all given in any one year. Classes are organized according to the demand.*

3. BOTANY.

*First Semester, 4 Hours.*

Prerequisite, Biology 1 and 2. A detailed study of the lower groups of plants. Two recitations and two laboratory periods. Fee \$4.

4. BOTANY.

*Second Semester, 4 Hours.*

Prerequisite, Biology 1, 2, and 3. A continuation of Biology 3 taking up the higher plants. Two recitations and two laboratory periods. Fee \$4.

5. ZOOLOGY, INVERTEBRATE.

*First Semester, 4 Hours.*

Prerequisite, Biology 1 and 2. A systematic comparative study of representative members of all invertebrate phyla. Two recitations and two laboratory periods. Fee \$4.

6. ZOOLOGY, VERTEBRATE.

*Second Semester, 4 Hours.*

Prerequisite, Biology 1 and 2; and Biology 5 desirable. A continuation of Biology 5; a study of the development of systems in



the members of the various classes of vertebrates. Two recitations and two laboratory periods. Fee \$4.

7. BACTERIOLOGY.

*Second Semester, 4 Hours.*

Prerequisite, Biology 1 and 2. A course in general Bacteriology; methods of culture; isolation; identification; general technique; and the importance of micro-organisms in municipal sanitation. Fee \$5. Two recitations and two laboratory periods.

8. GENETICS.

*Second Semester, 3 Hours.*

Prerequisite, Biology 1 and 2; and 3 and 4 or 5 and 6. The principles underlying heredity and evolution; the theories as historically advanced; and the present conception of the mechanism of hereditary transmission.

9. BIONOMICS.

*Second Semester, 3 Hours.*

Prerequisite, Biology 1 and 2; and 3 and 4 or 5 and 6. A study of general biological principles and theories and something of the history of Biology. Courses 8 and 9 are intended to be given in alternate years.

10. EMBRYOLOGY.

*First Semester, 4 Hours.*

A study of the embryological development of the Vertebrates. One recitation and three laboratory periods. Fee \$4.

11. HISTOLOGY.

*Second Semester 3 Hours.*

A general course in the microscopic structure of animal tissues. One recitation and two laboratory periods. Fee \$4.

12. SYSTEMATIC BOTANY.

*First or Second Semester, 2 to 4 Hours according to the amount of work done.*

The study of a local flora and preparation of an herbarium together with the principles of classification of the Spermatophytes.

13. PHYSIOLOGY.

*One Semester, 4 Hours.*

Open to Freshmen and others. A general course in human anat-

omy and physiology. Fee \$2. Three recitations and one laboratory period..

#### 14. PHYSIOLOGY.

*First Semester, 4 Hours.*

Prerequisites, Biology 1, 2, 5, 6. The structure, organization, and functions of the various systems; tissue composition of the chief organs. Fee \$4. Two recitations and two laboratory periods.

## Chemistry

PROFESSOR OWEN

MISS OWEN

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### *Division I*

Courses 1, 2, and 4 are designed for the students of the Home Economics Department, or for those who wish an elementary knowledge of the science. They do not satisfy the prerequisites of any of the advanced courses in the department or count as part of a major in Chemistry.

#### 1. ELEMENTARY INORGANIC CHEMISTRY.

*First Semester, 4 Hours.*

General study of the chemical elements, their compounds, and the laws underlying chemical action. Two lectures and two laboratory periods. Open to all students who do not offer Chemistry for entrance. Fee \$6.25.

#### 2. ELEMENTARY ORGANIC CHEMISTRY.

*Second Semester, 4 Hours.*

An elementary course for students of Home Economics and those who do not wish to enter on a more extended study of this important branch of Chemistry. This course is a prerequisite for Chemistry 4 and certain courses in Home Economics. Three lectures and one laboratory period. Prerequisite, Chemistry 1 or High School Chemistry. Fee \$6.25.

#### 4. FOOD CHEMISTRY.

*First Semester, 4 Hours.*

A study of protein, carbohydrates, and fats. The analysis of foods and detection of adulteration. Two lectures and two laboratory periods. Prerequisite, Chemistry 1 and 2. Fee \$6.25.

*Division II*

Courses 3, 5, 7, 9, 10, 11, 12, 13, 14, 15, 16 are the standard courses in Chemistry and are fully accredited in the department. A major in Chemistry must include courses 3, 5, 7, 9, 10, 11, 12, and additional courses to make thirty semester hours. Physics 3 and 4 or Biology 7 may be counted in these additional courses.

3. GENERAL COLLEGE CHEMISTRY.

*First Semester, 4 Hours.*

Study of the principles and laws of Chemistry as illustrated by the non-metals. Two lectures and two laboratory periods. Fee \$6.25.

5. CHEMISTRY OF METALS.

*Second Semester, 4 Hours.*

Study of the ores, metallurgy, properties, and compounds of the metals, and the reactions for their detection. Laboratory work in the qualitative analysis of the metals. Two lectures and two laboratory periods. Prerequisite, Chemistry 3. Fee \$6.25.

7. QUALITATIVE ANALYSIS.

*First Semester, 3 Hours.*

A continuation of Chemistry 5. Tests for the acid ions and the analysis of salts and alloys. Lectures on the theory of qualitative reactions. One lecture and two laboratory periods. Prerequisite, Chemistry 5. Fee \$6.25.

9-10. QUANTITATIVE ANALYSIS.

*First or Second Semester, 3-5 Hours.*

General principles and practices of gravimetric and volumetric analysis, including analysis of iron ores, pig iron, and some alloys. Prerequisite, Chemistry 5 and 7. Fee \$6.25.

11. ORGANIC CHEMISTRY.

*First Semester, 3 Hours.*

Study of the aliphatic series of organic compounds. Two lectures and one laboratory period. Prerequisite, Chemistry 3. Fee \$6.25.

12. ORGANIC CHEMISTRY.

*Second Semester, 3 Hours.*

Continuation of Chemistry 11. Study of aromatic compounds. Two lectures and one laboratory period. Prerequisite, Chemistry 11. Fee \$6.25.

**14. PHYSICAL CHEMISTRY.**

*Second Semester, 3 Hours.*

Study of the laws of Chemistry and the application of Chemistry to the other sciences. A course especially helpful to those who intend to teach Chemistry. Two lectures and one laboratory period.

**15-16. INDUSTRIAL CHEMISTRY.**

*First and Second Semester, 3 Hours.*

Study of the more important technical processes, such as the production of alkalis, acids, glass, clay products, cement, iron and steel, gas, petroleum, and so forth. Prerequisite or parallel, Chemistry 11.

## **Economics and Business Administration**

PROFESSOR R. NORRIS MILLER

ASSISTANT PROFESSOR MOSES

MR. NATHAN BARTLETT

The major in this department will consist of thirty hours, and may be taken in either Economics and Sociology or Business Administration. In addition to this requirement, at least six hours must be offered for work done in the departments of Psychology, Political Science, or Journalism.

The major in Economics and Sociology is designed especially for those students who intend to pursue further work in this field in Graduate study, or who expect to teach the subjects, but all other properly qualified students may elect these courses also.

The major in Business Administration is especially designed for those who are looking toward a business career. This major should include such courses in the Department of Journalism as Business English, Advertising, Newspaper Making, etc. All students desiring to work out their major in either of these fields of study should consult the head of the department at earliest opportunity, in order that a proper program may be arranged. Not every course listed will be given in any one year.

### **ECONOMICS**

**1. GENERAL ECONOMICS.**

*First Semester, 3 Hours.*

The fundamentals of economic science, and a rapid survey of economic phenomena based on text books, lectures, and research.

Prerequisite or co-requisite for all other courses in economics. Not open to Freshmen.

2. ADVANCED ECONOMICS.

*Second Semester, 3 Hours.*

An analytical study of the origin and character of rent, wages, interest, profits, together with various proposed systems for more adequate distribution of wealth. Lectures and research. Prerequisite, General Economics.

4. DEVELOPMENT OF ECONOMIC THOUGHT.

*First Semester, 3 Hours.*

An intensive study of the historical development of Economic Science, with special emphasis upon the contributions made by the Schoolmen, the Mercantilists, the Physiocrats, the Classical Writers, etc. Lectures and Research. Prerequisite, General Economics.

4. MONEY AND BANKING.

*Second Semester, 3 Hours.*

A study of money, credits, banking systems, particularly with reference to the United States, mobilization of capital, over-expansion, and price inflation, Federal Reserve system, etc. Prerequisite or co-requisite, General Economics. Text, lectures, and research.

5. LABOR PROBLEMS.

*Second Semester, 3 Hours.*

This course deals with labor organizations, employers' associations, trade unionism, minimum wage boards, wage-paying plans, industrial health and welfare, etc. Text, lectures, and research. Not open to Freshmen.

6. MARKETING AND TRANSPORTATION.

*Second Semester, 2 Hours.*

A study of the various factors in the distributive system, organization of sales campaigns, advertising, credit organizations, co-operative marketing schemes, organization and management of transportation companies, etc. Text book, lectures and research. Not open to Freshmen.

7. CURRENT ECONOMIC PROBLEMS.

*Second Semester, 2 Hours.*

An intensive study of such problems as the tariff; public finance

and taxation; railway regulation; world trade and commerce, etc. Lectures and research. Prerequisite, General Economics.

## SOCIOLOGY

### 8. GENERAL SOCIOLOGY.

*First Semester, 3 Hours.*

An introductory course to the study of social phenomena. Social evolution, socialization, social control, social ideals, theories of progress, etc. Text books, lectures, and research. Open to Juniors and Seniors.

### 9. SOCIAL PATHOLOGY.

*Second Semester, 3 Hours.*

An intensive study of such problems as immigration, poverty, and systems of relief, crime and its treatment, insanity, race problems, the family, etc. Lectures and research. Prerequisite, General Sociology.

### 10. URBAN SOCIOLOGY.

*First Semester, 2 Hours.*

City problems. Advantages and perils of city life, congestion, slums and their remedies, political graft and organized crime, constructive civic betterment, settlements, playgrounds, etc. Lectures and research. Not open to Freshmen.

### 11. RURAL SOCIOLOGY.

*Second Semester, 2 Hours.*

A study of the rural community and its problems, educational, recreational, religious, economic, community surveys and constructive programs. Text, lectures, and research. Not open to Freshmen.

## BUSINESS ADMINISTRATION

### 12. BUSINESS ORGANIZATION AND MANAGEMENT.

*First Semester, 3 Hours.*

Partnership organizations, trusts, joint-stock companies, combinations, anti-trust legislation, office management, factory management, employment management, etc. Text, lectures, and research. Prerequisite or co-requisite, General Economics.



## 13. GENERAL ACCOUNTING.

*First Semester, 3 Hours.*

Single and double entry bookkeeping; individual, partnership, and corporation accounts; preparation of important statements, etc. Open to all students, no prerequisites.

## 14. ADVANCED ACCOUNTING.

*Second Semester, 3 Hours.*

Cost accounting; auditing; C. P. A. problems. Text book, lectures and research. Prerequisite, General Accounting.

## 15-16. BUSINESS LAW.

*First and Second Semesters, 3 Hours.*

The fundamental principles of the law as it relates to common business transactions. Text book, lectures, and case studies. Open to all students. No prerequisites.

## 17. STENOGRAPHY.

*First and Second Semesters.*

Classes in Stenography will be organized as need requires. No college credit is given.

## 18. TYPEWRITING.

*First and Second Semesters.*

Work in Typewriting may be elected any time during the year and is open to all students. No college credit given.

## Education

PROFESSOR PHELPS

The College of Emporia fulfills the requirements of the laws of Kansas and the State Board of Education for the certification of teachers. As the rules and regulations regarding the State Certification of Teachers are quite apt to change from year to year we recommend that each student taking the teachers' professional courses should be provided from the office of the State Superintendent of Public Instruction with the latest report of the requirements.

## 1. GENERAL PSYCHOLOGY.

*First Semester, 3 Hours.*

Required for all teachers' certificates; open to Sophomores. See Philosophy and Psychology.

## 2. GENETIC PSYCHOLOGY.

*Second Semester, 3 Hours.*

Accepted on professional requirements for the three year renewable state certificate; open to Sophomores who have had the first semester in General Psychology. See Philosophy and Psychology.

## 3. MANAGEMENT.

*First Semester, 3 Hours.*

Required for the three-year and special certificates; open to Freshmen and Sophomores.

## 4. METHODS.

*Second Semester, 3 Hours.*

Required for the three-year and special certificates; open to Freshmen and Sophomores.

## 5. HISTORY OF EDUCATION.

*First Semester, 3 Hours.*

Accepted on the professional requirements for the three-year certificates renewable for life. Open to Juniors and Seniors.

## 6. EDUCATIONAL PSYCHOLOGY.

*Second Semester, 3 Hours.*

Prerequisite, General Psychology; required for the three-year certificate renewable for life; open to Juniors and Seniors.

## 7. PUBLIC SCHOOL ADMINISTRATION.

*First Semester, 3 Hours.*

Required for the three-year certificate renewable for life; open to Juniors and Seniors.

## 8. HIGH SCHOOL ADMINISTRATION.

*Second Semester, 3 Hours.*

Accepted on the professional requirements for the three-year certificate renewable for life; open to Juniors and Seniors.

## 9. EDUCATIONAL THEORIES.

*First Semester, 2 Hours.*

An elective course for Juniors and Seniors.

## 10. RELIGIOUS EDUCATION.

*Second Semester, 2 Hours.*

An elective course for Juniors and Seniors.

## English Language and Literature

PROFESSORS LAWRENCE, MEIER AND BROWER

The major consists of thirty hours, six of which may and three of which must be chosen from the department of Public Speaking and Expression.

## 1. COMPOSITION-RHETORIC.

*First Semester, 3 Hours.*

Required of all Freshmen.

## 2. COMPOSITION-RHETORIC.

*Second Semester, 3 Hours.*

Required of all Freshmen.

## 3. ADVANCED COMPOSITION.

*First Semester, 3 Hours.*

Open to those who have shown special fitness.

## 4. THE SHORT STORY.

*First or Second Semester, 3 Hours.*

## 5. ENGLISH LITERATURE.

*First Semester, 3 Hours.*

History of the literature from Chaucer to Pope. Open to Sophomores.

## 6. ENGLISH LITERATURE.

*Second Semester, 3 Hours.*

Continuation of Course 5 from Pope to the present.

*The following courses are not all offered the same year. Such courses will be given as the needs of the classes require. For these courses, except by permission of the head of the department, six*

*hours of Composition-Rhetoric and English Literature 5 and 6 are prerequisite.*

7. RISE OF THE DRAMA.

*Second Semester, 3 Hours.*

History of the English drama from its rise to 1642.

8. THE ENGLISH ROMANTIC POETS.

*First Semester, 3 Hours.*

Study of the poets from 1798 to 1832.

9. TENNYSON AND BROWNING.

*First Semester, 3 Hours.*

10. SHAKESPEARE.

*Second Semester, 3 Hours.*

Six to ten plays studied intensively; fifteen to twenty other plays read.

11. ENGLISH NOVEL.

*First Semester, 3 Hours.*

Essentials of the novel as an art form.

12. LITERARY CRITICISM.

*Second Semester, 3 Hours.*

History of criticism and discussion of critical principles.

13. ENGLISH ESSAY.

*Second Semester, 3 Hours.*

Study of the writings of the leading essayists of the nineteenth century.

14. AMERICAN LITERATURE.

*Second Semester, 3 Hours.*

Survey course.

15. ANGLO-SAXON.

*First Semester, 3 Hours.*

16. MIDDLE ENGLISH.

*Second Semester, 3 Hours.*

17. THE EPIC.

*3 Hours.*

Study of the great epics of history.

## 18. THE TEACHING OF ENGLISH.

*Second Semester, 3 Hours.*

Study of the problems of material and methods in connection with the teaching of English in the high school. Intended for those looking forward to the teaching of English.

## 19. THE BIBLE AS LITERATURE.

*3 Hours.*

See Bible Department.

## German

PROFESSOR SABY

The chief objects of the courses in German are:

1. To teach the student an appreciation of the language and literature, as well as to give him some knowledge of the life and philosophy of the Germans.
2. To teach him to read, write, and speak the language.
3. To prepare him for graduate work or to teach German in high schools.

Twenty-four hours are required for a major.

## 1-2. ELEMENTARY GERMAN.

*First and Second Semester, 4 Hours.*

For students who enter college with no knowledge of German.

## 3-4. INTERMEDIATE GERMAN.

*First and Second Semester, 3 Hours.*

Prerequisite, German 1-2. Reading of standard works by Schiller, Lessing, Freytag, or other writers; conversation and composition.

## 5-6. THE HISTORY OF GERMAN LITERATURE IN GERMAN.

*First and Second Semester, 3 Hours.*

Prerequisite, German 3-4. Study of authors of the different periods; readings of famous ballads and poems. supplementary readings.

*The following courses are not all given in any one year. Classes are organized whenever there is sufficient demand.*

## 7-8. NINETEENTH CENTURY NOVEL AND DRAMA.

*First and Second Semester, 3 Hours.*

Selected classics, portraying the social and political tendencies of the times. Prerequisites, German 5 and 6.

## 9-10. GOETHE.

*First and Second Semester, 3 Hours.*

A critical study of the different periods of Goethe's literary activity, together with the study of Faust. May alternate with German 7 and 8. Prerequisite, German 5-6.

## Greek and Latin

PROFESSOR HOLTZ

MISS MENDEL

### GREEK

*Courses in Greek are offered whenever there is sufficient demand to warrant the formation of a class.*

## 1. ELEMENTARY GREEK.

*First Semester, 4 Hours.*

Grammar and simple prose .

## 2. ELEMENTARY GREEK.

*Second Semester, 4 Hours.*

Prerequisite, Greek 1. Grammar, composition, and select readings. from Plato and Xenophon.

## 3. XENOPHON.

*First Semester, 3 Hours.*

Prerequisite, Greek 2.

## 4. PLATO.

*Second Semester, 3 Hours.*

Prerequisite, Greek 3.

### LATIN

The aim of the work in Latin is:

(1) The mastery of the fundamentals of the Latin language and some knowledge of its relation to the English language.



(2) The development of ability to translate Latin intelligently and rapidly, and of an appreciation of the various meters.

(3) The study of the literary and political history, and of the private life of the Romans.

(4) The preparation of students for graduate work or for teaching Latin in high schools.

The major consists of twenty-four hours.

#### 1-2. BEGINNING LATIN.

*First and Second Semesters, 3 Hours.*

Offered to those who have had no Latin in high school.

#### 3. CICERO, DE SENECTUTE AND DE AMICITIA.

*First Semester, 3 Hours.*

Prerequisite, Latin 1-2 or equivalent. Careful study of syntax and prose composition.

#### 4. HORACE, "ODES AND EPODES."

*Second Semester, 3 Hours.*

If time permits selections will also be covered from Livy's account of the Hannibalian War. Prerequisite, Latin 3.

*The following courses are not all offered in any one year. Classes are organized whenever there is sufficient demand.*

#### 5. THE LATIN DRAMA.

*First Semester, 3 Hours.*

Prerequisite, Latin 3-4.

Reading of the plays of Plautus and Terence; additional reading by instructor; development of plays from Greek and their influence upon later dramas.

#### 6. THE LATIN POETS.

*Second Semester, 3 Hours.*

Prerequisite, Latin 5. Catullus and the Elegiac poets; Suetonius' "Life of Julius Caesar;" Tacitus' "Agricola." Study of Roman history.

#### 7. LATIN SATIRE.

*First Semester, 3 Hours.*

Satires and Epistles of Horace. Satires of Juvenal. Prerequisite, Latin 4.

## 8. LUCRETIVS, "DE RERUM NATURA"—Books I, III, V.

*First Semester, 3 Hours.*

Prerequisite, Latin 5-6. The poet's philosophical theories are discussed under topics relative to nature, man, and the gods.

## 9. LATIN LITERATURE OF THE EMPIRE.

*First Semester, 3 Hours.*

A study of the writings of Seneca, Pliny the Younger, Tacitus, Martial, and Quintilian.

## 10. VIRGIL, OR CICERO.

*Second Semester, 3 Hours.*

Prerequisite, Latin 4. The last six books of the Aeneid, the Georgics, and the Eclogues, or the Philippics and Orations of Cicero; training in grammar and prose composition for prospective teachers.

## 11. CLASSICAL LITERATURE AND MYTHOLOGY.

*Second Semester, 2 Hours.*

A study, through English translations of masterpieces of Greek and Latin literature.

## History and Political Science

PROFESSOR CRAVEN

### HISTORY

A major in History consists of thirty hours, six of which may, with the consent of the head of the department, be in Political Science or Economics.

## 1-2. GENERAL EUROPEAN HISTORY.

*First and Second Semesters, 3 Hours.*

Introductory course to all work in the department. Course covers period from the Fall of Rome to the French Revolution. Text book, lectures, assigned readings, map work.

## 3-4. GENERAL AMERICAN HISTORY.

*First and Second Semesters, 3 Hours.*

Course covers entire period of American History. Text book, lectures, assigned readings, map work.

## 5. REVOLUTIONARY EUROPE.

*First Semester, 3 Hours.*

Open to Sophomores and above who have completed History 1-2. Course covers period of French Revolution and Napoleonic Era. Text book, lectures, assigned readings, map work.

## 6. MODERN EUROPE.

*Second Semester, 3 Hours.*

Open to Sophomores who have had History 1-2. Course covers period from Congress of Vienna through the World War. Text book, lectures, assigned readings, map work.

## 7-8-9-10-11. ADVANCED AMERICAN HISTORY.

*First and Second Semesters, 3 Hours.*

Open to Juniors and Seniors. Alternate courses will be given from the following:

7. Colonial Period. Offered in 1922-1923.
8. The Middle Period. Offered in 1921-1922.
9. Since the Civil War.
10. Constitutional Period.
11. History of the West.

Text books, lectures, assigned readings.

## POLITICAL SCIENCE.

### 1. AMERICAN GOVERNMENT.

*First Semester, 3 Hours.*

Open to Sophomores. Introductory course to all work in the department. Text, readings, reports.

### 2-3, 4-5. ADVANCED GOVERNMENT.

*Second Semester, 3 Hours.*

Alternate courses will be given from the following:

2. Municipal Government.
3. American Diplomacy.
4. Comparative Government.
5. International Law.

## Home Economics

PROFESSOR BLACHLY

The major consists of thirty hours elected with the approval of

the head of the department. Not all the courses listed below are given each year, but provision is made for securing a major by alternating some of the courses.

## I—FOODS

### 1. ELEMENTARY COOKING.

*Second Semester, 3 Hours.*

Required of all Home Economics students who have not had high school cooking. One lecture and two laboratory periods. Fee \$4.00.

### 2. ADVANCED COOKING.

*First Semester, 3 Hours.*

Open to students who have had a year of high school cooking. One lecture and two laboratory periods. Prerequisites, Chemistry

1. Fee \$4.00.

### 3. EXPERIMENTAL COOKING.

*Second Semester, 3 Hours.*

One lecture and two laboratory periods. Prerequisites, Chemistry 1 and Home Economics 1 or 2. Fee \$4.00.

### 4. DIETETICS.

*First Semester, 3 Hours.*

Two lectures and one laboratory period. Prerequisites, Chemistry 1, Biology 13, and Home Economics 2. Fee \$4.00.

### 5. MARKETING AND FOOD ECONOMICS.

*Second Semester, 2 Hours.*

One lecture and one field trip. Prerequisites, Advanced Cooking, Chemistry 1.

## II—CLOTHING

### 11. ELEMENTARY SEWING.

*First Semester, 3 Hours.*

Required of all Home Economics students who do not present one credit in Domestic Art. One lecture and two laboratory periods. Fee \$1.00.

### 12. DRESSMAKING.

*First Semester, 3 Hours.*

Open to students who have had one year of high school sewing

or course 11. One lecture and two laboratory periods. Fee \$1.00.

13. TEXTILES.

*First Semester, 3 Hours.*

Historical, economic, chemical, and hygienic treatment of fibers. One lecture and two laboratory periods. Prerequisite, Chemistry 1. Fee \$2.00.

14. COSTUME AND GENERAL DESIGN.

*First Semester, 2 Hours.*

Theoretical and practical applications of both general and costume designing. One lecture and one laboratory period. Fee \$1.00.

15. MILLINERY AND ART EMBROIDERY.

*Second Semester, 2 Hours.*

Two laboratory periods. Fee 50c.

16. APPLIED COSTUME DESIGN.

*Second Semester, 3 Hours.*

Practical applications of costume and general design. Three laboratory periods. Fee \$1.00. Prerequisite, Costume and General Design.

17. ECONOMICS AND HYGIENE OF CLOTHING.

*Second Semester, 2 Hours.*

Two lectures. Prerequisite, Dressmaking, Costume and General Design.

18. ADVANCED TEXTILES.

*Second Semester, 2 Hours.*

Scientific and practical study of the methods of laundry work. One lecture and one laboratory period. Prerequisite, Chemistry 1. Fee \$2.00.

19. THEORY OF TEACHING HOME ECONOMICS AND HOUSEHOLD ARTS.

*Second Semester, 3 Hours.*

Planning of courses for elementary and high school classes, practice teaching in elementary classes. Required of all seniors majoring in the department. Lecture and laboratory periods.

## III—HOUSE ADMINISTRATION

## 20. HOUSE ARCHITECTURE AND DECORATION.

*First Semester, 3 Hours.*

Two lectures and one laboratory period.

## 21. HOUSEHOLD MANAGEMENT.

*First Semester, 2 Hours.*

A study of the organization of the household, spending the income, etc. Prerequisite, Elementary Economics.

## 22. HOME NURSING.

*Second Semester, 2 Hours.*

## 23. HOUSE SANITATION.

*First Semester, 2 Hours.*

A study of the hygiene and sanitation of the house. Two lectures.

**Journalism**

PROFESSOR BROWER

The major consists of twenty-four hours elected from Journalism, English, or other coordinated departments, subject to the approval of the instructor.

## 1-2. COMPOSITION-RHETORIC.

See English 1-2.

## 3-4. NEWSPAPER MAKING.

*First and Second Semesters, 3 Hours.*

Prerequisite, Rhetoric 1-2. Study of the principles of news writing and editing; copy-reading; proof reading; head line writing; feature stories; the mechanics of the composing and press rooms. The course includes lectures on practical newspaper work by William Allen White, editor of the Emporia Gazette, and publicist. Students have opportunity to report for the Daily Gazette and to observe the methods of business management used in a modern newspaper.

## 5. ADVERTISING.

*First Semester, 3 Hours.*

Prerequisite, Journalism 1-2. Relation of advertising to the busi-



ness office and to the news columns; psychology of advertising; methods of effective display; ethics of newspaper advertising.

6. HISTORY OF JOURNALISM.

*Second Semester, 3 Hours.*

Prerequisite, Journalism 1-2. The evolution of methods and materials in handling news items, editorials, and advertising; the function and scope of the modern newspaper; modern journalistic tendencies.

7. BUSINESS ENGLISH.

*First Semester, 3 Hours.*

Prerequisite, one year of Composition-Rhetoric. Psychological study and practice in writing business letters. Designed especially for students in Business Administration.

## Mathematics and Engineering Drawing

PROFESSOR LITTLE

The aim of this department is to meet the demands of a liberal education, as well as the requirements of the prospective engineering student and the student who wishes to continue mathematical activities.

The major consists of thirty hours of Mathematics and Engineering Drawing, or of twenty-four hours of Mathematics and College Physics.

1. SOLID GEOMETRY.

*First or Second Semester, 2 Hours.*

For the benefit of students who do not present solid geometry for entrance. This course is not given unless called for.

3. COLLEGE ALGEBRA.

*First Semester, 3 Hours.*

Rapid review of elementary algebra; the progressions; determinants; theory of equations; Horner's method.

4. PLANE TRIGONOMETRY.

*First Semester, 2 Hours.*

Trigonometric functions; trigonometric analysis; logarithms; solution of triangles; inverse functions; trigonometric equations.

## 5. ANALYTIC GEOMETRY.

*Second Semester, 5 Hours.*

The straight line; circle; parabola; ellipse; hyperbola; polar coordinates; loci problems; higher plane curves. Prerequisite, Mathematics 3 and 4.

## 6. SOLID ANALYTIC GEOMETRY.

*Second Semester, 2 Hours.*

Solid analytic geometry of the straight line, the plane, and conicoids. Prerequisite, Mathematics 5 and 1.

## 8. DIFFERENTIAL CALCULUS.

*First Semester, 5 Hours.*

Fundamental principles; derivatives; applications to geometry and mechanics; maxima and minima; indeterminates. Prerequisite, Mathematics 5.

## 9. INTEGRAL CALCULUS.

*Second Semester, 3 Hours.*

Integration; definite integrals; application to lengths, areas, and volume. Prerequisite, Mathematics 8.

*The following courses in Mathematics are not all offered the same year. Such courses will be given as the need of the classes requires.*

## 11. DIFFERENTIAL EQUATIONS.

*First or Second Semester, 3 Hours.*

Ordinary differential equations; applications to geometry and physics. Prerequisite, Mathematics 9.

## 12. ANALYTICAL MECHANICS .

*First or Second Semester, 3 Hours.*

Center of gravity; moments of inertia; the general theory of rectilinear and curvilinear motion in space. Prerequisite, Mathematics 9.

## 13. HIGHER ALGEBRA.

*First and Second Semesters, 3 Hours.*

A study of selected topics in Fine's College Algebra. The number system of algebra; theory of equations; cubic and biquadratic equations; convergence of infinite series; operations with infinite series; the binomial, exponential, and logarithmic series; infinite products. Prerequisite, Mathematics 9.

## ENGINEERING DRAWING

### 1-2. MECHANICAL DRAWING.

*First and Second Semesters, 3 Hours.*

Use and care of instruments; applied geometry; lettering; orthographic projection; development of surfaces and intersections; working drawings.

### 3-4. DESCRIPTIVE GEOMETRY.

*First and Second Semesters, 2 Hours.*

Problems relating to the point, line and plane; curved lines and surfaces; warped surfaces; surfaces of revolution.

## Music

PROFESSOR HIRSCHLER

The courses here outlined in music are given as regularly required work in the Department of Music, but they may be taken by any student in the College after special arrangement with the Dean of the Department of Music and the head of the College Department in which the student is specializing. Credit will be given for this work as part of the study leading to the Bachelor of Arts degree to a maximum of thirty hours for a major. The fee for any of these courses is \$3.00 a semester hour.

Complete courses in Voice, Piano, Pipe Organ, Violin, and in Orchestral and Band Instruments are also offered in the School of Music.

### 1-2. HARMONY.

*Second Semester, 2 Hours.*

Thorough study of scales and intervals; construction and connection of chords; modulation, written and at the piano; part-writing from figured and unfigured basses and sopranos.

### 3-4. HISTORY OF MUSIC I.

*First and Second Semesters, 2 Hours.*

Uncivilized and ancient music; medieval music; religious and secular music; musical drama; classic and romantic composers; modern music and its writers in different countries; the progress of musical taste and culture.

## 5-6. HARMONY 2 AND EAR TRAINING.

*First and Second Semesters, 3 Hours.*

Advanced study of secondary seventh chords, chromatically altered chords, enharmonic changes, non-harmonic tones, suspensions, embellishments, pedal point, melodic figuration; Bach's figured chorales; harmonization, modulation, and transposition at the piano; original work in the smaller forms. Ear training is carried on simultaneously with this year's work.

## 7. HARMONIC ANALYSIS.

*First Semester, 2 Hours.*

The practical analyzing of works of the older masters, as well as of the most modern composers. This makes harmony a practical and living thing.

## 8. MUSICAL FORM.

*Second Semester, 2 Hours.*

In this course all the possible forms of composition are studied in detail, and all students are required to compose in these forms, making this a composition course also.

## 9-10. COUNTERPOINT.

*First and Second Semesters, 2 Hours.*

Simple, in five species, in from one to eight parts: double, triple, and quadruple in all species.

## 11-12. HISTORY OF MUSIC 2.

*First and Second Semesters, 2 Hours.*

This is an advanced reading course, in which special phases in music development are exhaustively studied in detail, with reference to sources of authority. A thesis showing a firm grasp of the material of music history is required during the year.

## 13-14. APPRECIATION OF MUSIC.

*First and Second Semesters, 2 Hours.*

This course intends to give the necessary guidance to the musical amateur in listening to music. The course consists of lectures, scientifically discussing the requisites for true listening, musical construction, material and form of instrumental composition, melody, rhythm and harmony, the story of the sonata, symphony and opera, the instruments of the orchestra, the voice, and the periods of the history of music and their general characteristics. All of

this work will be illustrated by actual analysis of representative works. The Department of Music possesses several Victrolas, which can be used with profit in this course. Library readings are required, as well as notes on lectures given by the instructor.

16. ELEMENTARY SIGHT SINGING.

*First Semester, 2 Hours.*

Practical study of solfeggio, notation, etc., in classes.

16. ADVANCED SIGHT SINGING.

*Second Semester, 2 Hours.*

Continuation of the above in the more difficult grades.

## Philosophy and Psychology

PROFESSOR VANDERVELDE.

The purpose of the work in psychology is to acquaint the student with the laws of mental processes and with the methods and technique of discovering these laws, and to direct in the practical application and use of psychology in personal development and in professional and business relations.

The relation of mental life and its laws to character development and to personal efficiency, to education, to religion, and to social interests, forces, and organization is pointed out.

The foundations are also laid for study in the field of philosophy.

The purpose of the courses in philosophy is to acquaint the student with the philosophical, religious, and scientific problems which have confronted the race, and to present the various solutions offered. The bearing of philosophy upon the social, moral, and religious life of the individual and the race is kept in mind.

Students who major in the department should begin general psychology in the first semester of the sophomore year. The sequence of the remaining courses is unimportant. Not all the courses listed below are given each year, but provision is made for securing a major by alternating some of the courses.

Courses in the departments of French and German which deal with the philosophical literature and thought of the people, and the courses in English literature which take up the writings of men closely connected with philosophical history, and courses in political science, sociology, and education may be accepted for major requirements. These and a course in general biology are highly important and are recommended.

## GENERAL PSYCHOLOGY.

*First or Second Semester, 3 Hours.*

Credit not given for one semester; prerequisite for all courses in psychology and philosophy; required for all teacher's certificates.

## GENETIC PSYCHOLOGY.

*First or Second Semester, 3 Hours.*

Open to Sophomores with one semester of general psychology; accepted on professional requirement for the three-year-renewable state certificate.

## CHILD PSYCHOLOGY.

*First or Second Semester, 3 Hours.*

Open to Sophomores with one semester general psychology; accepted on professional requirement for the three-year-renewable state certificate.

## PSYCHOLOGY OF RELIGION.

*First or Second Semester, 3 Hours.*

Open to Juniors with one semester general psychology.

## SOCIAL PSYCHOLOGY.

*First or Second Semester, 3 Hours.*

Open to Juniors with one semester general psychology.

## APPLIED PSYCHOLOGY.

*First or Second Semester, 3 Hours.*

Open to Juniors with one semester general psychology.

## MENTAL MEASUREMENTS.

*First and Second Semesters, 3 Hours.*

Open to Juniors with two semesters general psychology; accepted on professional requirements for the three-year-renewable state certificate.

*The following courses, each three hours, one semester; open to Juniors with two semesters' general psychology.*

## HISTORY OF PHILOSOPHY.

## ETHICS.

## CURRENT PHILOSOPHY.

## PHILOSOPHY OF THE CHRISTIAN RELIGION.



## Physics

PROFESSOR RAYMOND F. MILLER.

The requirements for a major in Physics are:

(1) At least thirty semester hours of physical science.

(2) At least twenty-four hours in the Physics Department. Elementary Physics does not count toward the major.

(3) The following courses will be accredited, for any hours needed, in excess of the twenty-four required in the Physics Department: Chemistry 3-16, Geology 1-2, Astronomy 1-2.

### 1. ELEMENTARY PHYSICS.

*Second Semester, 4 Hours.*

Intended for those who have had no previous training in the subject. Especial attention to the practical applications of Physics in every-day life. Three recitations and one laboratory period. Prerequisites, High School Algebra and Geometry. Open to all students who do not offer Physics for entrance. Fee \$2.00.

### 3-4. GENERAL PHYSICS.

*First and Second Semester, 4 Hours.*

A general culture course to meet the needs of those who desire to know the general principles of the subject, and also to afford a preparation for advanced work. Three recitations and one laboratory period. Prerequisites, Elementary or High School Physics. Fee \$3.00 a semester.

### 5. MAGNETISM AND ELECTRICITY.

*First Semester, 4 Hours.*

Direct current; advanced electrical measurements; a study of direct current machinery. Three recitations and one laboratory period. Prerequisites, General Physics and Trigonometry. Fee \$3.00.

### 6. A. C. ELECTRICITY AND RADIO.

*Second Semester, 4 Hours.*

A study of the principles of alternating currents, with applications to electrical machinery, and to radio telegraphy and telephony. Three recitations and one laboratory period. Prerequisite, Physics 5. Fee \$3.

### 7. HEAT.

*First Semester, 4 Hours.*

Theories and principles of heat, with applications to weather

phenomena, heating systems, steam and gas engines, industrial power plants, etc. Three recitations and one laboratory period. Prerequisite, General Physics. Fee \$3.00.

8. LIGHT AND SPECTROSCOPY.

*Second Semester, 4 Hours.*

An advanced course in the theory and use of optical instruments, particularly the spectroscope; special attention given to interference, diffraction and polarization phenomena; laboratory practice in identifying chemical substances by their spectra, and in photographing spectra. Three recitations and one laboratory period. Prerequisite, General Physics. Fee \$3.00.

Courses 5 and 6 are given every other year, alternating with 7 and 8.

## Physical Education

COACH HENRY  
MISS WISHARD.

Freshmen and Sophomores are required to carry two hours of Physical Education each semester. In rare cases students are allowed to postpone the work in Physical Education, but only for good cause. Courses in Physical Education do not count on the one hundred twenty hours required for the bachelor's degree.

### PHYSICAL EDUCATION FOR MEN

1-2. GYMNASIUM.

*First and Second Semesters, 2 Hours.*

Required of Freshmen men.

3-4. GYMNASIUM.

*First and Second Semesters, 2 Hours.*

Required of Sophomore men.

With the approval of the Director of Physical Education, work on the college teams may be substituted for the gymnasium classes.

### PHYSICAL EDUCATION FOR WOMEN.

The regulation gymnasium costume consists of black serge bloomers and white middy.

Freshmen are required to take in their first semester either Course 1 or Course 2. During the second semester Freshmen may elect either Course 3, Course 4, Course 5, or Course 7. Sophomores may elect any course except 1.

## 1. GYMNASIUM.

*First and Second Semesters, 2 Hours.*

## 3. OUTDOOR SPORTS.

*First and Second Semesters, 2 Hours.*

## 4. BASKET BALL.

*2 Hours.*

## 2. CORRECTIVE GYMNASTICS.

*First and Second Semesters, 2 Hours.*

For all students needing special work.

A physical examination is given to students desiring this course.

## 5. AESTHETIC RHYTHMICS.

*First and Second Semesters, 2 Hours.*

Prerequisite, course 5.

## 7. FOLK RHYTHMICS.

*First and Second Semesters, 2 Hours.*

## 8. ADVANCED GYMNASTICS.

*First and Second Semesters, 2 Hours.*

## Public Speaking and Expression

PROFESSOR LAWRENCE.

MISS WISHARD.

## 1. PUBLIC SPEAKING.

*First Semester, 3 Hours.*

The aim of this course is to train the student in correct speech habits in regard to language, voice, pronunciation, enunciation, and thought processes. Ease and effectiveness in public speech through the giving of short extemporaneous speeches is sought.

## 2. ADVANCED PUBLIC SPEAKING.

*Second Semester, 3 Hours.*

Continuation of Course 1. Longer and more formal speeches are required; more attention is given to the content. Both extemporaneous and written speeches are given.

**3. ARGUMENTATION AND DEBATE.**

*First Semester, 3 Hours.*

Study of the principles of argument; making of briefs and forensics; practice in debating.

**4. FUNDAMENTALS OF EXPRESSION.**

*First Semester, 3 Hours.*

The underlying principles of expression, including training in voice, pronunciation and bodily expression as applied to the interpretation of literature are studied in theory and practice. No credit will be given for this course to those who have credit for Public Speaking 1.

**5. ADVANCED EXPRESSION.**

*Second Semester, 3 Hours.*

Continuation of Course 4. Drill in platform work, making readings from plays and stories, and arranging programs.

**6. DRAMATIC INTERPRETATION.**

*First and Second Semester, 3 Hours.*

A course in the presentation of plays. The understanding of the dramatic form in literature and the ability to stage a play are sought.

N. B. PRIVATE LESSONS may be obtained in any phase of work in Public Speaking and Expression. But these lessons are not given college credit.

## Romance Languages

PROFESSOR SABY.

MISS LAKE.

MISS MARSHALL

### FRENCH

The major consists of a minimum of thirty hours chosen from courses in French: French 5 and 6, and 12 must be offered. On consultation, related courses from other departments may be accepted.

**1-2. ELEMENTARY FRENCH.**

*First and Second Semesters, 4 Hours.*

Grammar; pronunciation; oral and written exercises; selected reading with especial emphasis on acquiring a working vocabulary.

## 3-4. INTERMEDIATE FRENCH.

*First and Second Semesters, 3 Hours.*

Prerequisite, French 2. Reading of selected texts; much oral drill.

## 5. ELEMENTARY COMPOSITION AND CONVERSATION.

*First Semester, 2 Hours.*

Prerequisite, French 4; must accompany French 3.

## 6. ADVANCED COMPOSITION AND CONVERSATION.

*Second Semester, 2 Hours.*

Prerequisite, French 5.

*The following courses are not all offered in any one year. Classes are organized whenever there is sufficient demand.*

## 7-8. FRENCH NOVEL.

*First and Second Semesters, 3 Hours.*

A general outline of the history of the French novel. Rapid reading of representative works to illustrate literary ideals and tendencies of the French people. Prerequisite, French 4. Alternates with French 9 and 10.

## 9-10. FRENCH DRAMA.

*First and Second Semesters, 3 Hours.*

A general outline of the history of the French drama. Reading of representative dramas of each period. Prerequisite, French 4. Alternates with French 7 and 8.

## 11. GENERAL SURVEY OF FRENCH LITERATURE.

*First Semester, 3 Hours.*

Reading of representative works of the various periods; epic, medieval, classical, romantic, modern. Prerequisite, French 7 and 9.

## 12. TEACHERS' COURSE.

*Second Semester, 3 Hours.*

Grammar review; phonetics; written and oral drill in story telling and conversation; consideration of texts, grammar, and reading suitable for high school work; drill in simple plays; theory and practice. Prerequisite, French 5.

## SPANISH

The major consists of a minimum of twenty-eight hours from courses in Spanish, and must include Spanish 5 and 6. On consultation, related courses from other departments may be accepted.

## 1-2. ELEMENTARY SPANISH.

*First and Second Semesters, 4 Hours.*

Grammar; pronunciation; oral and written exercises; selected readings.

## 3-4. INTERMEDIATE SPANISH.

*First and Second Semesters, 3 Hours.*

Reading of selected texts; much oral drill. Prerequisite, Spanish 2.

## 5. ELEMENTARY COMPOSITION AND CONVERSATION.

*First Semester, 2 Hours.*

Prerequisite, Spanish 4.

## 6. ADVANCED COMPOSITION AND CONVERSATION.

*Second Semester, 2 Hours.*

Prerequisite, Spanish 5.

*The following courses are not all offered in any one year. Classes are organized whenever there is sufficient demand.*

## 7-8. SPANISH NOVEL.

*First and Second Semesters, 3 Hours.*

A general outline of the history of the Spanish novel; reading of representative works. Prerequisite, Spanish 4. Alternates with Spanish 9 and 10.

## 9-10. SPANISH DRAMA.

*First and Second Semesters, 3 Hours.*

Reading of the most important dramas, with historical background. Prerequisite, Spanish 4. Alternates with Spanish 7 and 8.

## ITALIAN

## 1-2. ELEMENTARY ITALIAN.

*First and Second Semesters, 3 Hours.*

Grammar; composition; pronunciation. Selected readings. Not open to Freshmen. Candidates are urged to offer French 1 and 2.



## Student Life and Organizations

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### ATHLETICS

The Frank Gray Mason Gymnasium is the headquarters for the athletic work as well as for the physical training. An experienced coach has full control of all the teams. The athletic field is equipped with a quarter mile cinder track, the usual apparatus, bleachers, and a covered grand stand. There is ample space for two football fields. There are at present four good tennis courts.

Eligibility is determined under the rules of the Kansas Conference, which insure amateur athletics.

### FACULTY ADVISERS

On entering the College of Emporia each student is assigned to a member of the Faculty who is to act as his adviser. Sophomores select their own advisers. When the student elects his major subject the head of his major department becomes his adviser.

The adviser offers the student his friendship. The student is free to consult his adviser at any time on any matter. The student is required to elect his studies in consultation with his adviser, but the relation goes far beyond this mechanical act, for the adviser is genuinely interested in all that concerns the student's welfare and stands ready always to lend any aid in his power.

### CHRISTIAN ASSOCIATIONS

The Young Men's Christian Association and the Young Women's Christian Association have been formed for the purpose of developing Christian character. Regular weekly meetings are held Thursday mornings, at the time of the usual chapel service.

Bible study and weekly class meetings, under student leadership, are conducted by the associations.

Mission study classes conducted under the supervision and encouragement of the Christian Associations, foster interest in both foreign and home missions. Generous support is given home and foreign work.

### STUDENT VOLUNTEER BAND

This organization of volunteers for foreign missionary effort, meets weekly for prayer, and for study of the foreign field.

### STUDENT MINISTERIAL ASSOCIATION

This organization is for those who look forward to the Christian ministry or other distinctly Christian work. The purpose is for mutual prayer, communion and inspiration. Meetings are held weekly.

### SOCIAL SERVICE CLUB

This club was organized by the women of the Sociology classes in 1913, to study fields of Christian social service in the United States which are open to women. Membership is open to any of the women of the College, and does not bind the member to any form of work. The "Inner Circle" of the club is made up of those members who have definitely decided upon some form of social service. Meetings are held bi-weekly.

### ORATORIO SOCIETY

Membership in the College Oratorio Society is open to all students. Under the directorship of the Dean of the School of Music, the chorus meets each week for practice. Two annual concerts rank among the best musical events in Emporia. At the spring concert, one of the great oratorios is sung. Further information concerning these concerts will be found under the heading "Musical Organizations."

### GLEE CLUBS

Two glee clubs, one for men and one for women, are organized every fall. Membership is determined by competitive examination. Each club makes trips for the purpose of giving concerts. The home concerts of these clubs are important events in the school year.

### THE SCRIBBLERS' CLUB

The Scribblers' Club was organized in February, 1921, by a group of students interested in writing as a creative art. The purpose of the club is to promote in the College any type of creative writing, including especially poetry, short story, dramatic sketch, essay, and prose sketch. Active membership is limited to fifteen. Club members are elected in January of each year on the merits of manuscripts submitted in a competitive tryout. Meetings are held the first Friday in every month.

### THE ATHENA SOCIETY

In order to stimulate scholarship in the College of Emporia, this society was organized in 1910. Not to exceed one-fourth the members of each senior class may be chosen to membership on the basis of scholarship and good character. Alumni whose graduate work entitles them to the honor, and other persons distinguished in letters, in science, or in education may be chosen to membership.

### ORATORY AND DEBATE

The College of Emporia holds membership in the State Oratorical Association. Each year the local contest to select the College representative in the state contest is open to all students. At least four intercollegiate debates, annually, give scope for broad mastery of expression. Contests in debate, oratory, and declamation are under the direction of the Public Speaking Department. Competitors in intercollegiate contests must be carrying at least twelve hours of passing work.

### THE MINERVA AND AURORA SOCIETIES

The Minerva, Aurora and Zetaethian Societies were organized to promote social and literary interests among the women of the school. Membership is voluntary, but all women are recommended to connect themselves with one of these organizations.

### COLLEGE LIFE

Of late years college journalism has become a necessary factor of student life. To supply this demand a corps of students, approved by the faculty, edits *College Life*, a six-page weekly. Its columns are filled with items of interest to students and friends of the College, and considerable space is devoted to literary productions contributed by the students.

### THE ALLA RAH

Each year the Junior class assumes the responsibility for the publication of the College Annual, called the *Alla Rah*. In this book an endeavor is made to reflect life at the College, and to put into an orderly form a record of College events during the year. It is a handsomely bound volume containing pictures and articles describing all College classes and organizations, and prominent individual athletes, orators, and debaters. It has in addition a section filled with short skits and other literary work by student contributors.

## Expenses

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### TUITION FEE

A uniform tuition fee of \$3.00 for each semester hour is charged. The tuition fee is payable in advance.

Sons and daughters of ministers will be charged half the regular rate of tuition.

No refund of tuition or of other fees will be made except in case of students prevented from continuing their course on account of serious illness.

For registration later than the days appointed a special fee of one dollar will be charged.

### INCIDENTAL FEE

A college education is not complete in class rooms nor is it derived solely from books. The educated man must be interested in things that upbuild humanity in every way, physically, socially, intellectually, and morally. In order that the expense of these extra-curriculum activities may be divided fairly among the entire student body, a fee of \$5.00 per semester is levied. This fee pays for registration and entitles the student to admission to all athletic contests, the College music course, all debates and oratorical contests, and the annual music festival, and provides for physical and recreational adjuncts adapted to the needs of the entire student body.

### LABORATORY FEES

Laboratory fees for Chemistry, Physics, Biology, Psychology, and Home Economics range from \$1.00 to \$6.25 a semester, depending on the cost of the material used in the course. The laboratory fees must be paid at the beginning of the course.

### GYMNASIUM FEE

The gymnasium fee is \$1.50 per semester. This fee is required of all students who take gymnasium work and is payable in advance.

## DIPLOMA FEE

The diploma fee is \$5.00 and is payable two weeks before commencement.

## BOARD AND ROOM FOR MEN

Good table board may be obtained in the city at \$6.00 a week. Furnished rooms may be engaged at \$5.00 and upward a month per student, when two students room together. The rates vary with the accommodations, but all modern conveniences and comforts can be secured at the rate indicated.

The committee on boarding and rooming houses keeps a list of approved places. Students may not change their rooming places during the school year without the consent of the faculty committee on rooms and boarding.

The men of the College, to a limited number, may eat at Emporia Hall. The charge is \$50 per quarter of nine weeks, when paid in advance. If not paid in advance an additional 10 per cent is charged. The board is simple and wholesome, and is furnished at cost.

## ACCOMMODATIONS FOR WOMEN

The Dean of Women of the College has general supervision over the young women who are not able to secure campus accommodations as well as those who live in the dormitories. The house-keeping in the dormitories is in charge of a competent matron.

The students are expected to keep their own rooms clean and in order. The heavy furniture is provided by the dormitory. The students are requested to bring the following articles: Sheets, cases for pillows 21x28 inches, bedspreads, comforts, blankets, table and dresser covers, towels, and window drapery. Sheets, pillow cases and towels will be laundered by the dormitory, free of charge.

An advance payment of \$5.00 is required of those who wish to have a room reserved for them in the dormitories. This fee applies on the first quarter's rental. The order of names on the waiting list is determined by the date when this reservation fee is received. A deposit of five dollars is required of each young woman. This will be returned at the end of each year if room and furniture are left in good condition.

The rooms are priced as follows:

Double rooms, accommodating two students, \$75 per year for each person.



Rooms accommodating three or four students, \$50 per year for each person.

Single rooms, \$110 per year for each person.

Suites of one double bedroom and study, \$110 per year for each person when used by two students, and \$90 per year for each person when used by three persons.

Suites of two single bedrooms and study, \$125 per year for each of two students.

The price of board for the school year is \$200. The college aims to furnish board at not more than cost.

Board and room rent are payable in advance, one-fourth of the yearly rate, each quarter, on September 15, November 8, January 24, and March 30. No deduction in the price of board will be made except for continuous absence of a week or more, exclusive of the regular holidays. Ten per cent additional is charged if board or room rent are not paid by the dates set.

### EMPLOYMENT

Many young men and young women are not able to attend college without financial assistance, or some work which will pay part or all of their expenses. Reliable, needy and worthy students should not abandon their plans or their ambitions for a college education for lack of money. The local community offers willing students unusual opportunities to earn part or all of their way through college by working at odd times. The College of Emporia also employs a considerable number of students for work connected with the care of the buildings, the dormitory, the diningroom, the laboratories, the farm, and administrative office. The College owns six paper routes, which are placed in the hands of students. Altogether employment is given to between forty and fifty students.

A special committee of the faculty assists students in securing work. In past years there has been more work than the students were able to do. Students desiring employment should write for the regular application blank and file it with the Dean.

### HONOR GRADUATE SCHOLARSHIPS

The College of Emporia, in common with other Christian Colleges of Kansas, offers tuition for one year to the first honor graduate of any high school or academy in Kansas, or the contiguous territory. Application blanks may be secured from the teacher of the local school or from the College Registrar.



## BENEVOLENT SCHOLARSHIPS

A tuition scholarship may be established by the payment of one thousand dollars to the endowment fund of the College, the income of which shall be used to pay the tuition of a worthy student.

A sustaining scholarship may be established by the payment of three thousand dollars to the endowment fund, the income of which shall be used to pay the entire cost to the College of the education of one student.

By provision of the General Board of Education of the Presbyterian Church, and the gifts of individual friends of the College, free tuition is offered to all returned U. S. Service men who are properly certified.

The College may require of the recipients of scholarships some service in one of the departments of instruction or in the administrative offices .

By provision of the General Board of Education of the Presbyterian Church, a Rotary Loan Fund is available to a limited number of needy students.

Students of straitened means, who desire to avail themselves of these scholarships or of the Rotary Loan Fund, are requested to apply to the Dean.

The college now holds several perpetual scholarships which provide a part of the tuition fee for such students as may be selected to receive their benefits; they are:

The H. B. Silliman Scholarship.

The Sarah E. Park Scholarship.

The Dorcas and Eliza Platt Scholarship.

The Ellis and Martin Scholarship.

The Henry Coe Culbertson Scholarship? (Founded by the First Presbyterian Church of Iola).

The William C. Porter Scholarship. (Founded by the First Presbyterian Church of Fort Scott).

The Fred Shaw Scholarship. (Founded by the First Presbyterian Church of Parsons).

The George W. Hays Memorial Scholarship. (Founded by Mr. and Mrs. Truman B. Hays, WaKeeney, Kan.)

The Lewis C. Miller Scholarship.

The Sturgeon Scholarship. (Providing for four full tuition scholarships, under certain conditions prescribed by the donors, Mr. and Mrs. W. O. Sturgeon, of Olathe, Kan.)

The Chase T. Wilson Scholarships. (Founded by R. C. Wilson, of WaKeeney, Kan., providing for five full tuition scholarships).

## Regulations

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It is the policy of the faculty to govern with the fewest restrictions possible. All students are placed upon their honor from the first, and are expected to regulate their conduct by those principles which everywhere obtain in the best society.

1. All hazing of students is strictly prohibited by the College.
2. Smoking is prohibited on the campus, and in the buildings.
3. All student organizations are subject to the advice and control of the faculty.

4. Every student is required to attend the daily chapel devotions at the College, and also to attend at least one church service each Sunday.

5. No student who is not making a passing grade in twelve hours' work is allowed to represent the College in intercollegiate contests.

6. The students of the College of Emporia are not allowed to belong to student fraternities or sororities. In other institutions where such organizations exist they have been found to be productive of cliques and jealousies, and unfavorable to a spirit of democracy. They tend to encourage extravagance. Although some chapters may secure a group of students whose influence is wholesome, others frequently become associations of students whose influence is hurtful to each other and to those they seek to draw into their number. For these and for other reasons the faculty of the College of Emporia has made a rule that all students who desire to enter the school shall sign a promise at the beginning of the year, agreeing not to be connected with any student fraternity or sorority or any similar secret student organization during that year. This rule does not apply to national or benevolent insurance orders, nor to the literary societies of the College, whose influence, both socially and intellectually, is one of the most important features of the College life.

7. The College reserves the right to dismiss, at any time, a student who, in the judgment of the faculty, is undesirable, and whose continuation in College is detrimental to himself or to his fellow students. Such dismissal may be made without specific charges.

## SUPPLEMENTARY REGULATIONS

There are certain other regulations relating to scholarship which must be observed.

1. Courses to remove entrance deficiencies take precedence over all other courses. These deficiencies must be removed at the earliest possible opportunity.
2. No student may carry fewer than fourteen semester hours per week without the express permission of the curriculum committee.
3. A student may carry a maximum of nineteen semester hours a week of academic work; provided that if the student fails to attain an average grade of  $2\frac{1}{2}$  on his entire course for the semester, he forfeits all credit for that semester beyond seventeen hours in addition to a forfeit of whatever credit may have been lost through failures.
4. Additional work is required for graduation of those students who are absent from class and laboratory exercises more than fourteen times in a semester.
5. A candidate for any degree must have spent one year in residence.
6. Application for college credit on work done in other colleges must be made during the first semester in residence.
7. A maximum of eight hours' college credit will be granted for approved work taken in summer school, in any one year.
8. No college credit will be granted for less than one year of beginning language work.
9. By failing to pass without condition in at least ten hours of work in any semester, a student thereby severs his connection with the College for the next succeeding semester. This rule shall not apply, however, to a student during his first semester in attendance.
10. A condition must be removed during the first six weeks of the following semester. For this examination a fee of one dollar shall be charged, the amount going to the Library Fund. Any condition not so removed will be recorded as a failure.
11. Advanced college credit for high school work from four-year high schools, exceeding the entrance requirements, will be granted only upon examination by the head of the department concerned. Four hours' credit will be allowed for each high

school unit. Examination for such credit must be taken within the first six weeks of residence.

12. Honorable withdrawal from any subject in which the student is registered may be granted by the Curriculum Committee for sufficient reasons, provided the student is doing passing work in the subject. Should a student withdraw from a class without the consent of the Curriculum Committee, the Registrar shall record a failure in that subject.

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## Million Movement

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To meet the demands for increased dormitory facilities and additional equipment the College is putting on a million dollar campaign at the present time. It is planned to use half of the sum for endowment and the remainder on buildings. About \$125,000 will go to the completion of the new administration building whose construction was halted on account of the war. This new building will house the college offices, the auditorium, and the music conservatory.

Two new dormitories, one for men and one for women, will be erected at a total cost of about \$150,000. It is thought that these buildings will provide for the students who are turned away each year for lack of dormitory accommodations. About \$60,000 will be expended in enlarging the library and gymnasium. Of the balance, \$70,000 will go to the liquidation of present indebtedness and the remainder to the financing of the campaign, and other miscellaneous items.

## Form of Bequest

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The College of Emporia, an institution under the control of the  
Synod of Kansas of the Presbyterian Church in  
the United States of America

For the convenience of those friends who may desire to assist the cause of Christian education by leaving a portion of their estate to the College, we suggest the following form for incorporation as a separate item or paragraph in the last will and testament:

*"I give, devise and bequeath to The College of Emporia, an institution under the control of the Presbyterian Synod of Kansas, the sum of-----*

*-----Dollars, to be paid by my executor out of my estate as soon after my death as funds are available therefor."*

(If the testator desires the bequest to be used for some specific purpose, the specific purpose should be stated.)

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